

# Number Textbook 1

## page 34

Multiplication/division **N10**

### Doubling and halving

1. double 18 = 20 + 16 = 36
2. double 37 = 60 + 14 = 74
3. double 48 = 80 + 16 = 96
4. double 26 = 40 + 12 = 52
5. double 29 = 40 + 18 = 58
6. double 46 = 80 + 12 = 92
7. double 27 = 40 + 14 = 54
8. double 57 = 100 + 14 = 114
9. double 38 = 60 + 16 = 76
10. double 36 = 60 + 12 = 72

11. half of 12 = 6
12. half of 16 = 8
13. half of 20 = 10
14. half of 30 = 15
15. half of 18 = 9
16. half of 24 = 12
17. half of 42 = 21
18. half of 64 = 32
19. half of 32 = 16
20. half of 80 = 40
21. half of 60 = 30
22. half of 48 = 24
23. half of 88 = 44

- Ⓢ 11. 3   12. 4   13. 5   14.  $7\frac{1}{2}$    15.  $4\frac{1}{2}$    16. 6   17.  $10\frac{1}{2}$    18. 16   19. 8  
20. 20   21. 15   22. 12   23. 22

## page 35

Multiplication/division **N10**

### Doubling

1.  $2 \times 23p = 46p$
2.  $2 \times 42p = 84p$
3.  $2 \times 31p = 62p$
4.  $2 \times 18p = 36p$
5.  $2 \times 25p = 50p$
6.  $2 \times 13p = 26p$
7.  $2 \times 35p = 70p$
8.  $2 \times 47p = 94p$
9.  $2 \times 28p = 56p$
10.  $2 \times 22p = 44p$
11.  $2 \times 33p = 66p$
12.  $2 \times 29p = 58p$
13.  $2 \times 44p = 88p$

14.

in	20	50	70	90	60	30	80	40
out	40	100	140	180	120	60	160	80

15.

in	15	55	75	45	25	85	35	65
out	30	110	150	90	50	170	70	130

# Number Textbook 1

## page 36

Multiplication/division **N10**

### Doubling and halving

1. double 23 + 24 = 46 + 24 = 70
2. double 25 + 28 = 50 + 28 = 78
3. 26 + double 21 = 26 + 42 = 68
4. double 26 + double 24 = 52 + 48 = 100
5. double 34 + 31 = 68 + 31 = 99
6. 32 + double 33 = 32 + 66 = 98
7. 39 + double 33 = 39 + 66 = 105
8. 27 + double 43 = 27 + 86 = 113
9. double 34 + 42 = 68 + 42 = 110
10. double 26 + double 43 = 52 + 86 = 138

- Ⓢ first board: double 28 + double 28 = 56 + 56 = 112  
second board: double 39 + double 39 = 78 + 78 = 156  
third board: double 43 + double 43 = 86 + 86 = 172

### Explore

23 pairs, using each card only once

96, 48	92, 46	90, 45	86, 43	82, 41	78, 39
76, 38	72, 36	70, 35	68, 34	64, 32	62, 31
58, 29	56, 28	54, 27	46, 23	38, 19	36, 18
34, 17	32, 16	30, 15	28, 14	26, 13	

## page 37

Multiplication/division **N11**

### Fours and eights

	x4	x8	Ⓢ (x16)
1.	$2 \times 4 = 8$	$2 \times 8 = 16$	$2 \times 16 = 32$
2.	$3 \times 4 = 12$	$3 \times 8 = 24$	$3 \times 16 = 48$
3.	$4 \times 4 = 16$	$4 \times 8 = 32$	$4 \times 16 = 64$
4.	$5 \times 4 = 20$	$5 \times 8 = 40$	$5 \times 16 = 80$
5.	$6 \times 4 = 24$	$6 \times 8 = 48$	$6 \times 16 = 96$
6.	$7 \times 4 = 28$	$7 \times 8 = 56$	$7 \times 16 = 112$

1.  $3 \times 8 = 24$
2.  $2 \times 8 = 16$
3.  $5 \times 8 = 40$
4.  $4 \times 8 = 32$
5.  $1 \times 8 = 8$
6.  $10 \times 8 = 80$
7.  $8 \times 8 = 64$
8.  $6 \times 8 = 48$
9.  $9 \times 8 = 72$

- Ⓢ 1. 12   2. 8   3. 20   4. 16   5. 4   6. 40   7. 32   8. 24   9. 36